

From: [Mescher, Jean](#)
To: [Kilburn, Dianna](#)
Cc: [Stephen Tzhone/R6/USEPA/US@EPA](#)
Subject: RE: Arkwood, two items
Date: 07/12/2012 12:28 PM
Attachments: [EPA re deed notice.docx](#)
[EPA letter - Deed Restriction.docx](#)
[Property description errors.pdf](#)

Dianna,

For reference regarding the deed restriction, I am also sending you copies of previous correspondence with the EPA.

Jean

From: Kilburn, Dianna [mailto:KILBURN@adeq.state.ar.us]
Sent: Wednesday, July 11, 2012 2:59 PM
To: Mescher, Jean; Stephen Tzhone
Cc: Gloria-Small Moran; Carlos Sanchez; Hynum, Tammie
Subject: RE: Arkwood, two items

Jean,

Thank you for the quick response. If we need anything else, we will let you know.

Dianna

From: Mescher, Jean [mailto:Jean.Mescher@McKesson.com]
Sent: Wednesday, July 11, 2012 2:43 PM
To: Stephen Tzhone; Kilburn, Dianna
Cc: Gloria-Small Moran; Carlos Sanchez
Subject: RE: Arkwood, two items

Stephen,

Thanks for forwarding Mr. Scott Huling's comments to me. Unfortunately, since Mr. Huling did not have some of the pertinent information, his understanding of the pilot system operation is somewhat in error which leads to some erroneous conclusions. For example, the purpose of the pilot system was to increase the degradation of PCP in New Cricket Spring so that the treatment time would be shortened. The treatment system at the spring has and continues to treat the spring water to Arkansas standards in accordance with the ROD. McKesson proposed to conduct the pilot study in an effort to result in a quicker cleanup of the spring. Also, the water used for injection during the pilot study operation originates from a deep (>500 ft) well, is ozonated and reinjected into the shallow, fracture zone. Although we expected the ozone to dissipate quickly, it remained in solution to the mouth of New Cricket Spring under certain conditions. Mr. Huling's concern about some water bypassing New Cricket Spring may be correct. That is why we conducted a dye tracing study that evaluated the potential for impacted water to discharge at other locations including Cricket Creek. No dye was detected in Cricket Creek. I would not consider this site appropriate for in-situ chemical oxidation (ISCO) since the PCP concentrations have been reduced to a level where they are approaching the cleanup standard.

Please feel free to forward this additional information to Mr. Huling. If he would like to discuss it further, we could schedule a quick phone call with Mr. Huling.

Diana,

Please see attached survey data from the 1996 Closeout Report. In addition, I've attached information associated with the dioxin sampling that was conducted that may be helpful.

Jean

From: Stephen Tzhone [\[mailto:Tzhone.Stephen@epamail.epa.gov\]](mailto:Tzhone.Stephen@epamail.epa.gov)

Sent: Wednesday, July 11, 2012 1:16 PM

To: Mescher, Jean

Cc: Gloria-Small Moran; Carlos Sanchez

Subject: Arkwood, two items

Hi Jean,

1) Do you have the specific reports ADEQ is requesting to proceed? Please respond to both EPA and ADEQ (Dianna Kilburn), thanks.

2) ADEQ's groundwater comments are have not been received yet... but meanwhile, I did want to share EPA ORD's findings with you. While EPA has not made any final decisions yet on the Arkwood groundwater pilot, I would like to consider any input from McKesson on these comments, especially the ones dealing with employing in-situ chemical oxidation.

Thanks,

Stephen L. Tzhone
Superfund Remedial Project Manager
USEPA Region 6 (6SF-RA)
214.665.8409
tzhone.stephen@epa.gov

From: "Kilburn, Dianna" <KILBURN@adeq.state.ar.us>

To: Stephen Tzhone/R6/USEPA/US@EPA

Cc: Carlos Sanchez/R6/USEPA/US@EPA, Charles Faultry/R6/USEPA/US@EPA, "Hynum, Tammie" <HYNUM@adeq.state.ar.us>

Date: 07/10/2012 04:05 PM

Subject: Arkwood information

Dear Mr. Tzhone:

Attached are documents related to the Arkwood, Omaha, Arkansas site closure. I have located the work plan on what would be done and proposed remedial goals for soils on the site and in the railroad ditch. What I am not able to locate are the final closure reports with the final sample dioxin concentrations in the rail road ditch and on site and the surveyed location of the cap on the site. The contractor for the PRP should be able to supply this information. This information is necessary to finalizing the necessary deed restrictions. If you have questions or if you have difficulty with the attachments, please call or e-mail me.

Sincerely,
Dianna Kilburn

501-682-0844